

UC20-WL2000-IOT**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Product image**

For modern IoT applications, automation technology needs to be increasingly more powerful and adaptable. u-mation offers a coordinated hardware portfolio designed for the future-proof preparation of your machines and systems. u-control 2000 is one of the most compact and state-of-the-art control systems on the market and is the centrepiece of our hardware portfolio. u-control 2000 forms the basis required for use of our engineering solutions u-create web, studio and IoT. The controllers modular design is based on the remote I/O system u-remote, and allows for needs-based expansion to include other components from the u-mation family.

General ordering data

Version	Controller, IP20, IoT Controller, u-control 2000 web, Web-based, integrated engineering tool: u-create web for IIoT applications
Order No.	1334990000
Type	UC20-WL2000-IOT
GTIN (EAN)	4050118138290
Qty.	1 pc(s).

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Catalogue status 09.04.2021 / We reserve the right to make technical changes.

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Technical data

Dimensions and weights

Depth	76 mm	Depth (inches)	2.992 inch
Height	120 mm	Height (inches)	4.724 inch
Mounting dimension - height	128 mm	Net weight	232 g
Width	52 mm	Width (inches)	2.047 inch

Connection data

Type of connection	PUSH IN
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General data

Rail	TS 35	UL 94 flammability rating	V-0
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Power supply

Current consumption from I _{IN} (power segment of the field bus coupler), typ.	116 mA	
Current consumption from I _{IN} (power segment of the fieldbus coupler), typ.	min.	0 mA
	max.	116 mA
	nominal	116 mA
Feed current for I _{IN} (input current path)	min.	0 mA
	max.	5,000 mA
	nominal	5,000 mA
Feed current for I _{IN} (input current path) , max.	5 A	
Feed current for I _{OUT} (output current path)	min.	0 mA
	max.	5,000 mA
	nominal	5,000 mA
Feed current for I _{OUT} (output current path) , max.	5 A	
Supply voltage for outputs	24 V DC +20 %/ -15 %	
Supply voltage system and inputs	24 V DC +20 %/ -15 %	

System data

Configuration interface	Micro USB 2.0	Connection type	2 x RJ45 plug-in connectors
Engineering tool	u-create web	Interface	2x Ethernet TCP/IP, 1x Micro USB
Memory (Flash)	4 GB, 32 GB via microSD	Module type	Controller
Processor	Dual Core ARM Cortex A9, 624 MHz, 512 Mbyte RAM	Programming environment	web-based with node-RED
Real-time clock	Battery buffered	Transmission speed backplane bus, max.	48 Mbit
max. number of modules	64		

Classifications

ETIM 6.0	EC001603	ETIM 7.0	EC001603
ECLASS 9.1	27-24-26-08	ECLASS 10.0	27-24-26-07
ECLASS 11.0	27-24-26-07		

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Technical data

Approvals

Approvals



ROHS	Conform
UL File Number Search	E141197

Downloads

Approval/Certificate/Document of Conformity	UC20-WL2000-IOT
Engineering Data	STEP
Product Change Notification	Release-Notes - IoT
Software	u-link VPN-Client - Version 2.0.194 Current Firmware file for UC20 IoT Archiv Firmware files UC20-WL2000-IOT
User Documentation	u-link Technical User Guide u-control Handbuch (Deutsch) u-control Manual (English) UC20-WL2000-IOT Supported modules list uc-documentation-UC20-WL2000-AC-X.XX uc-documentation-UC20-WL2000-IOT
Brochure/Catalogue	Catalogues in PDF-format

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www.weidmueller.com**Drawings****Connection diagram**